

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 10722/ 005001		SERIAL NO. 09/584,881	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))				AUG 10 2000 U.S. PATENT & TRADEMARK OFFICE		APPLICANT Hagood IV et al.	
FILING DATE June 1, 2000						GROUP 2834	

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TMD	BA	5 5 7 8 8 9	11/26/96 Epstein	310	339	
	BB	5 5 5 2 6 5 7	09/03/96 Epstein et al.	310	339	
	BC	5 5 5 2 6 5 6	09/03/96 Taylor	310	337	
	BD	5 5 4 8 1 7 7	08/20/96 Carroll	310	339	
	BE	5 5 1 2 7 9 5	04/30/96 Epstein et al.	310	339	
	BF	5 3 0 5 5 0 7	04/26/94 Dvorsky et al.	29	25.35	
	BG	5 4 0 4 0 6 7	04/04/95 Stein et al.	310	330	
	BH	5 2 4 5 2 4 2	09/13/93 Hall	310	316	
	BI	5 2 0 8 5 0 6	05/04/93 Yamashita	310	328	
	BJ	4 9 3 9 7 0 7	07/03/90 Nagao	368	64	
TMD	BK	4 9 3 3 2 3 0	06/12/90 Card et al.	428	242	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	BL						
	BM						
	BN						
	BO						
	BP						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
BQ		
BR		
BS		

EXAMINER <i>Thomas M. Dougherty</i>	DATE CONSIDERED <i>2-15-02</i>
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)	DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> AUG 10 2000 PATENT & TRADEMARK OFFICE </div>	ATTY. DOCKET NO. 10722/ 005001	SERIAL NO. 09/584,881
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EXAMINER INITIAL	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>imo</i>												4 8 5 3 5 8 0	08/01/89	Sula	310	339	
<i>imo</i>												4 8 4 9 6 6 8	07/18/89	Crawley et al.	310	328	
												4 8 4 5 3 3 8	07/04/89	Lakic	219	211	
												4 6 2 9 9 7 0	12/16/86	Johansson	323	285	
												4 5 9 5 8 5 6	6/17/86	Glomb Jr.	310	339	
												4 5 4 6 4 2 1	10/08/85	Bello et al.	363	21	
												4 5 3 6 7 0 0	08/20/85	Bello et al.	323	285	
												4 5 0 4 7 6 1	03/12/85	Triplett	310	800	
												4 4 6 7 2 3 6	08/21/84	Kolm et al.	310	321	
												4 4 5 9 5 3 9	07/10/84	Cordy, Jr.	323	299	
<i>imo</i>												4 4 4 2 3 7 2	04/10/84	Roberts	310	339	

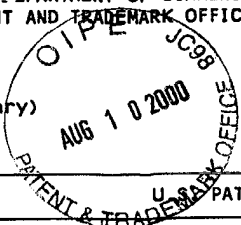
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)		
	CQ	
	CR	
	CS	

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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
10722/ 005001SERIAL NO.
09/584,881INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Hagood IV et al.

(37 CFR 1.98(b))

FILING DATE
June 1, 2000GROUP
2834

PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mg	DA	4	3	8	7	3	1	8	06/07/83	Kolm et al.	310	330	
mg	DB	4	0	9	1	3	0	2	05/23/78	Yamashita	310	339	
mg	DC	3	8	1	9	9	6	3	06/25/74	Kondo et al.	310	8.7	
	DD												
	DE												
	DF												
	DG												
	DH												
	DI												
	DJ												
	DK												

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

	DQ							
	DR							
	DS							

EXAMINER

Thomas M. Dougherty

DATE CONSIDERED

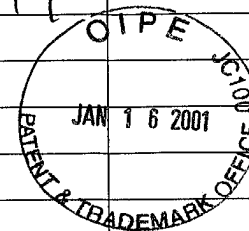
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Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10722-005001	Application No. 09/584,881
	Applicant Nesbitt W. Hagood, IV et al.		
	Filing Date June 1, 2000	Group Art Unit	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
TMD	AA	3,666,976	05/30/72	Gourlay et al.	310	8.8	
TMD	AB	5,801,475	09/01/98	Kimura	310	319	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						



Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Int'l. Class	Subclass	Translation	
							Yes	No
TMD	AL	WO 99/23749	10/29/98	WIPO	H02N	2/18	X	
TMD	AM	EP 0 673 102 A1	09/20/95	Europe	H02J	7/00	X	
TMD	AN	CA 2,257,935	12/24/97	Canada	B05B	49/00		
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
TMD	AQ	International Search Report dated 10/19/00.
	AR	
	AS	
	AT	

Examiner Signature <i>Thomas M. Dougherty</i>	Date Considered <i>2-15-02</i>
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SUBSTITUTE FORM PTO-1449
(MODIFIED)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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SERIAL NO.
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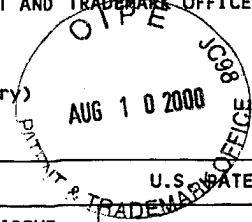
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STATEMENT BY APPLICANT
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(37 CFR 1.98(b))

APPLICANT
Hagood IV et al.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MD</i>	AA	5	8	5	7	6	9	4	01/12/99	Lazarus et al.	280	602	
	AB	5	8	3	9	5	0	8	11/24/98	Tubel et al.	166	65.1	
	AC	5	8	3	5	9	9	6	11/10/98	Hashimoto et al.	323	364	
	AD	5	8	1	4	9	2	1	09/29/98	Carroll	310	339	
	AE	5	7	8	3	8	9	8	07/21/98	Wu	310	316	
	AF	5	7	7	5	7	1	5	07/7/98	Vandergrift	280	602	
	AG	5	7	5	1	0	9	1	05/12/98	Takahashi et al.	310	339	
	AH	5	7	0	3	4	7	4	12/30/97	Smalser	323	299	
	AI	5	6	8	7	4	6	2	11/18/97	Lazarus et al.	29	25.35	
	AJ	5	6	5	6	8	8	2	08/12/97	Lazarus et al.	310	328	
<i>MD</i>	AK	5	6	2	1	2	6	4	04/15/97	Epstein et al.	310	339	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>MD</i>	AL	WO9704841	13.02.97	PCT				
<i>MD</i>	AM	WO9834689	13.08.98	PCT				
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ		
	AR		
	AS		

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